PTO-1390 (Rev. 09-08) Approved for use through 2/28/2010. OMB 0651-0021

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB confrol number

	ANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER D2040-1N				
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/567,536			
	TONAL APPLICATION NO. 2004/025932	INTERNATIONAL FILING DATE Aug. 11, 2004	PRIORITY DATE CLAIMED Aug. 11, 2003			
TITLE OF INVENTION Laccases, Nucleic Acids Encoding Them and Methods for Making and Using Them						
APPLICANT(S) FOR DO/EO/US						
Tim HITCHMAN et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
_	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.					
з. 🗆 т	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4. 🔲 T	he US has been elected (Article 31).					
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
	a. is attached hereto (required only if not communicated by the International Bureau).					
	b. has been communicated by	the International Bureau.				
_	c. is not required, as the applic	cation was filed in the United States Receiving	ng Office (RO/US).			
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).					
	a. is attached hereto.					
_	b. has been previously submit	ted under 35 U.S.C. 154(d)(4).				
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
	a. are attached hereto (required only if not communicated by the International Bureau).					
	b. have been communicated by the International Bureau.					
	c. have not been made; however, the time limit for making such amendments has NOT expired.					
_	d. have not been made and v	vill not be made.				
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	annexes of the International Preliminary E	xamination Report under PCT			
Items	11 to 20 below concern document(s) or information included:				
11. 🔽	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.				
12. 🔲	An assignment document for recording	g. A separate cover sheet in compliance wi	th 37 CFR 3.28 and 3.31 is included.			
13. 🔲	A preliminary amendment.					
14. 🔲	An Application Data Sheet under 37 CFR 1.76.					
15. 🗀	A substitute specification.					
16. 🔲	A power of attorney and/or change of address letter.					
17. 🔲	A computer-readable form of the sequence listing in accordance with PCT Rule 13/er.3 and 37 CFR 1.821- 1.825.					
18. 🔲	A second copy of the published Intern	national Application under 35 U.S.C. 154(d)	4).			
19. 🗆	A second copy of the English language	e translation of the international application	under 35 U.S.C. 154(d)(4).			

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the Inscorpcing or improvements required by 3f CP4-144 and 1-491-494. (In efformation is required to obtain or retain a benefit by the facility which is foliage of the USPTO to process an application. Confidentially is governed by 38 U.S.C. 125.4.

USPTO to process an application Confidentially is governed by 38 U.S.C. 125.4.

The will require a formation, preparing, and submitted the completed for more than 14-18 ms confidentially as governed and or suggestions of time year require to complete this form the amount of time year require to complete this form admitted support the complete the form and of traderial values of the preparation of time year require to complete this form and of traderial values to the CPS of the Approved for use through 2782010 OMB 0855-021

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of formation unless

LLS APPLICATION NO. ((Lynnym see 37 CER 15) INTERNATIONAL APPLICATION NO.

10/567,536			PCT/US2004/025932		D2040-1N		
20. Other Items or information: SB08 - List of Documents 3 - Non Patent References Fee Transmittal							
The followin	g fees have b	een submitted			CALCULATIONS PTO USE ONLY		
21. Basic na	tional fee (37	CFR 1.492(a))		\$330	\$		
22. Examinat	ion fee (37 CF	R 1 492(c))			_	-	
If the written opinion p by IPEA/US i All other situations	repared by IS	\$					
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates at cliatine satisfy provisions of PCT Article 33(1)-(4)							
TOI	AL OF 21, 22	and 23 =					
Additional fee for	specification pliance with 3 g in an electro						
Total Sheets Ext	ra Sheets Number of each additiona thereof (round up to a wi			RATE			
- 100 =	/50 =			× \$270	\$	'	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage. (37 CFR 1.492(n)).							
CLAIMS	CLAIMS NUMBER FILED		NUMBER EXTRA	RATE	\$		
Total claims	- 20 =			x \$52	\$		
Independent claims		- 3 =		x \$220	\$		
MULTIPLE DEPEND	ENT CLAIM(S) (if applicable)		+ \$390	\$		
		CALCULATIONS =	\$				
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.							
SUBTOTAL = \$							
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(ii)).							
TOTAL NATIONAL FEE = \$							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property							
		s					
					Amount to be refunded:	\$	
					Amount to be charged	\$	

PTC-1390 [Rev. 09-08]
Approved for use through 2/28/28/010 OMB 6551-0021
U.S. Patent and Trademank Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

a. 🗌 b. 🔽	A check in the amount of \$ Please charge my Deposit Account No. 500661	_ to cover the above fees is enclosed. in the amount of \$ 180 to cover the above fees.				
c. 🗸		additional fees which may be required, or credit any overpayment to Deposit				
d. 🗆	ses are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not e included on this form. Provide credit card information and authorization on PTO-2038. The PTO-2038 should only be mailed or faxed the USPTO: However, when paying the basic rational feet, the PTO-2038 may NOT be faxed to the USPTO.					
ADVISORY: If filing by EFS-Web, do NOT attach the PTO-2038 form as a PDF along with your EFS-Web submission. Please advised that this is not recommended and by doing so your credit card information may be displayed via PAIR. To protect information, it is recommended paying fees online by using the electronic payment method.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status.						
SEND A	LL CORRESPONDENCE TO:	/Brian W. Siddons/				
Brian W. Siddons Verenium Corporation		SIGNATURE Brian W. Siddons				
Intel	lectual Property Department . Box 910550	NAME 62,776				
Tel:	Diego, CA 92191-0550 (858) 526-5296; Fax: (858) 526-5796 tomer No. 45975	REGISTRATION NUMBER				